

What Is Claimed:

1. A light duty liquid cleaning composition which comprises approximately by weight:

(a) 6% to 30% of a mixture of an alkali metal salt of an anionic sulfonate  
5 surfactant;

(b) 0.5% to 12% of an alkali metal salt of a C<sub>8</sub>-C<sub>18</sub> ethoxylated alkyl ether  
sulfate;

(c) 0.005% to 0.5% of 2-bromo-2-nitro-1,3 propanediol;

(d) 0.005% to 0.5% of a preservative potentiator; and

10 (e) the balance being water, wherein the composition does not contain an amphoteric surfactant or betaine surfactant.

2. The composition of Claim 1, further including 0.1% to 3% of polyethylene glycol.

3. The composition of Claim 1, further including 0.1% to 4% of an inorganic  
15 magnesium salt.

4. The composition of Claim 2, further including 0.1% to 4% of an inorganic magnesium salt.

5. The composition of Claim 1, further including 0.1% to 20% of at least one other surfactant selected from the group consisting of amine oxides, alkyl  
20 polyglucoside, C<sub>8</sub>-C<sub>15</sub> fatty acid mono alkanol amides and ethoxylated and/or propoxylated nonionic surfactants.

6. The composition of Claim 2, further including 0.1% to 20% of at least one other surfactant selected from the group consisting of amine oxides, alkyl  
polyglucoside, C<sub>8</sub>-C<sub>15</sub> fatty acid mono alkanol amides and ethoxylated and/or  
25 propoxylated nonionic surfactants.

7. The composition of Claim 3, further including 0.1% to 20% of at least one other surfactant selected from the group consisting of amine oxides, alkyl  
polyglucoside, C<sub>8</sub>-C<sub>15</sub> fatty acid mono alkanol amides and ethoxylated and/or  
propoxylated nonionic surfactants.

8. The composition of Claim 4, further including 0.1% to 20% of at least one other surfactant selected from the group consisting of amine oxides, alkyl polyglucoside, C<sub>8</sub>-C<sub>15</sub> fatty acid mono alkanol amides and ethoxylated and/or propoxylated nonionic surfactants.

5 9. The composition of Claim 8, further including 0.5% to 6% of a short chain amphiphile having the formula  $R_1O(CH_2CH_2O)_nH$  wherein  $R_1$  is an alkyl group having 5 to 8 carbon atoms and  $n$  is a number from 2 to 8 and a water soluble glycol ether cosurfactant.

10 10. A clear liquid cleaning composition which comprises approximately by weight:

(a) 0.5% to 40% of at least one surfactant selected from the group consisting of an alkali metal or alkaline earth metal salt of a sulfonate surfactant, an ethoxylated and/or propoxylated nonionic surfactant, a C<sub>8</sub>-C<sub>18</sub> ethoxylated alkyl ether sulfate surfactant, an alkyl polyglucoside surfactant, amine oxides and C<sub>8</sub>-C<sub>15</sub> fatty acid  
15 monoalkanol amides and mixtures thereof.

(b) 0.005% to 0.5% of 2-bromo-2-nitro-1,3 propanediol preservative;

(c) 0.005% to 0.5% of a preservative potentiator such as sodium gluconate;  
and

(d) the balance being water, and the composition does not contain an  
20 amphoteric surfactant or a betaine surfactant.

11. The composition of Claim 10, further including 0.1% to 3% of polyethylene glycol.

12. The composition of Claim 10, further including 0.1% to 4% of an inorganic magnesium salt.

25 13. The composition of Claim 11, further including 0.1% to 4% of an inorganic magnesium salt.